IB2004/002170 CLASSIFICATION OF SUBJECT MATTER 2C 7 G09G3/32 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G09G Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. WO 03/038795 A (KIMURA HAJIME ; 1-4,6,SEMICONDUCTOR ENERGY LAB (JP)) 8-13. 8 May 2003 (2003-05-08) 15 - 17the whole document 7,14 P,X -& US 2003/128199 A1 (KIMURA HAJIME) 1-4,6,10 July 2003 (2003-07-10) 8-13. 15-17 the whole document X WO 03/038797 A (KIMURA HAJIME ; 1-4.6.SEMICONDUCTOR ENERGY LAB (JP)) 8-13. 8 May 2003 (2003-05-08) 15 - 17the whole document 7,14 P,X -& US 2004/085270 A1 (KIMURA HAJIME) 1-4,6, 6 May 2004 (2004-05-06) 8-13, the whole document Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the International search report 14 September 2004 22/09/2004

Authorized officer

Harke, M

Form PCT/ISA/210 (second sheet) (January 2004)

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

0100000	cition) DOCUMENTS CONSIDERED TO BE RELEVANT	Delevent to alaim No		
ategory °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.		
	US 2003/122813 A1 (ISHIZUKI SHINICHI ET AL) 3 July 2003 (2003-07-03)	1,5,6		
,	the whole document	7		
	EP 0 923 067 A (SEIKO EPSON CORP) 16 June 1999 (1999-06-16)	1,5,6		
	the whole document	7		
,	US 6 144 165 A (LIEDENBAUM COEN TH H F) 7 November 2000 (2000-11-07) the whole document	7,14		
	•			

Information on patent family members

ional Application No IB2004/002170

					1020017 002170	
Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03038795	Α	08-05-2003	EP	1447787 03038795		18-08-2004
			WO US	2003128199		08-05-2003 10-07 - 2003
US 2003128199	A1	10-07-2003	EP	1447787		18-08-2004
			MO	03038795	A1	08-05-2003
WO 03038797	Α	08-05-2003	WO	03038797		08-05-2003
			US	2004085270	A1	06-05-2004
US 2004085270	A1	06-05-2004	WO	03038797	A1	08-05-2003
US 2003122813	A1	03-07-2003	JP	2003202836		18-07-2003
			JP	2003202837		18-07-2003
			JP	2004045648		12-02-2004
			WO	03058594		17-07-2003
			TW	575859 	B	11-02-2004
EP 0923067	Α	16-06-1999	DE	69825402		09-09-2004
			EP	0923067		16-06-1999
			US	2002180721		05-12-2002
			MO	9840871		17-09-1998
			JP	2004038209		05-02-2004
			JP	2004038210		05-02-2004
			KR	2000010923		25-02-2000
			TW	397965		11-07-2000
			US	2003063081	A1	03-04-2003
US 6144165	Α	07-11-2000	EP	0974140		26-01-2000
			MO	9940559		12-08-1999
			JP	2002501633	· T	15-01-2002